

## SYSTEM OF PROCESSING AND PRESENTING DRILL HOLE DATA

### ABSTRACT OF THE DISCLOSURE

A system and corresponding method for processing drill hole data such as obtained by taking a  
5 drill hole measurement comprising dividing the drill hole measurement data into successive depth bands  
having a predetermined depth span, producing for each depth band a characterization of its spectral  
content, comparing the spectral content of a depth band with the spectral content of a next depth band  
and calculating an indicator that quantifies spectral change between successive depth bands,  
integrating the spectral change indicator with respect to depth in order to obtain a spectral trend, and  
10 scaling the spectral trend using an automatic gain control for a plurality of user defined gain windows.  
Also a system and method for data representation and a method for data interpretation.

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